

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

1. (Currently Amended) A method, comprising:
using credential information stored in a subscriber identity module (SIM) associated with a General Packet Radio Service (GPRS) adapter to authenticate access to a new wireless local area network (WLAN), wherein an access to a GPRS network via the GPRS adapter is authenticated using the credential information, and communications with the SIM and the WLAN are carried out using extensible authentication protocol (~~EAP~~) for subscriber identity module (EAP-SIM).
2. (Original) The method of claim 1, further comprising:
issuing one or more requests via a smart card interface to get the credential information.
3. (Original) The method of claim 2, further comprising:
arbitrating the one or more requests to the SIM when the SIM is busy.
4. (Original) The method of claim 3, wherein the one or more requests are received by the SIM via a SIM reader driver.
5. (Original) The method of claim 4, further comprising:
receiving the credential information from the SIM after the one or more requests are processed by the SIM.
6. (Original) The method of claim 1, further comprising:
establishing a WLAN connection with the WLAN via a WLAN adapter.

7. (Cancelled)
8. (Currently amended) The method of ~~claim 7~~ claim 6, further comprising:
issuing a location update to switch data services from the GPRS network to the
WLAN; and
disconnecting from the GPRS network.
9. (Currently amended) A computer-readable medium including machine readable
instructions that, if executed by a computer system, cause the computer system to
perform a method comprising:
using credential information stored in a subscriber identity module (SIM) associated
with a General Packet Radio Service (GPRS) adapter to authenticate access to a
new wireless local area network (WLAN), wherein an access to a GPRS network
via the GPRS adapter is authenticated using the credential information, and
communications with the SIM and the WLAN are carried out using extensible
authentication protocol (~~EAP~~) for subscriber identity module (EAP-SIM).
10. (Previously presented) The computer-readable medium of claim 9, further
comprising:
issuing one or more requests via a smart card interface to get the credential
information.
11. (Previously presented) The computer-readable medium of claim 10, further
comprising: arbitrating the one or more requests to the SIM when the SIM is busy.
12. (Previously presented) The computer-readable medium of claim 11, wherein the one
or more requests are received by the SIM via a SIM reader driver.
13. (Previously presented) The computer-readable medium of claim 12, further
comprising:

receiving the credential information from the SIM after the one or more requests are processed by the SIM.

14. (Previously presented) The computer-readable medium of claim 9, further comprising:
establishing a WLAN connection with the WLAN via a WLAN adapter.
15. (Cancelled)
16. (Currently amended) The computer-readable medium of ~~claim 15~~claim 14, further comprising:
issuing a location update to switch data services from the GPRS network to the WLAN; and
disconnecting from the GPRS network.
17. (Currently amended) A system, comprising:
a wireless local area network (WLAN) adapter;
a general packet radio service (GPRS) adapter coupled to the WLAN adapter and including a subscriber identity module (SIM); and
a mobility client to initiate requests for credential information from the SIM to authenticate access to a new WLAN when the mobility recognizes an access point, wherein an access to a GPRS network via the GPRS adapter is authenticated using the credential information, and said requests for the credential information are communicated to the SIM using extensible authentication protocol (EAP) for subscriber identity module (EAP-SIM).
18. (Original) The system of claim 17, wherein the requests for the credential information are communicated to the SIM via a smart card interface.
19. (Original) The system of claim 18, wherein the requests for the credential information are received by the SIM via a SIM reader driver.

20. (Original) The system of claim 19, wherein the GPRS adapter includes a SIM access module (SAM) to arbitrate the request for the credential information to the SIM.
21. (Cancelled)
22. (Currently amended) The system of ~~claim 21~~ claim 20, wherein the mobility client is further to issue a location update after the access to the WLAN is authenticated and a WLAN connection is established.
23. (Currently amended) The system of claim 22, wherein the mobility client is further to disconnect from the GPRS network ~~drop the GPRS connection~~.
24. (Cancelled)
25. (Original) The system of claim 17, wherein the WLAN adapter and the GPRS adapter are installed on an open platform.
26. (Original) The system of claim 17, wherein the WLAN adapter and the GPRS adapter are combined into one module.
27. (Currently amended) A system, comprising:
means for initiating requests for credential information from a subscriber identity module (SIM) associated with a general packet radio service (GPRS) adapter,
wherein a GPRS connection via the GPRS adapter is authenticated using the credential information;
means for ~~authenticating~~ utilizing the credential information to authenticate access to a new wireless local area network (WLAN) ~~using the credential information using~~ extensible authentication protocol for subscriber identity module (EAP-SIM); and
means for switching data services from [a]the GPRS connection to a WLAN connection after the access to the WLAN is authenticated.

28. (Original) The system of claim 27, wherein said means for requesting the credential information from the SIM includes means for arbitrating requests to the SIM.
29. (Original) The system of claim 28, wherein said means for switching data services between the GPRS connection and the WLAN connection includes means for performing a location update.
30. (Original) The system of claim 27, further comprising:
means for interfacing with the SIM to send the request for the credential information.
31. (Currently amended) A method, comprising:
issuing one or more requests to a Subscriber Identity Module (SIM) associated with a General Packet Radio Service (GPRS) adapter using Extensible Authentication Protocol (EAP), wherein a GPRS connection via the GPRS adapter is authenticated using credential information stored in the SIM;
arbitrating the one or more requests to the SIM when the SIM is busy;
receiving the credential information stored in the SIM via a SIM reader driver;
utilizing the credential information to authenticate access to a new Wireless Local Area Network (WLAN) using EAP extensible authentication protocol for subscriber identity module (EAP-SIM);
establishing a WLAN connection with the WLAN via a WLAN adapter;
issuing a location update to switch data services from [a]the GRPS connection to the WLAN connection; and
disconnecting from the GPRS connection.
32. (Currently amended) A computer-readable medium including machine readable instructions that, if executed by a computer system, cause the computer system to perform a method comprising:
issuing one or more requests to a Subscriber Identity Module (SIM) associated with a General Packet Radio Service (GPRS) adapter using Extensible Authentication

Protocol (EAP)), wherein a GPRS connection via the GPRS adapter is authenticated using credential information stored in the SIM;
arbitrating the one or more requests to the SIM when the SIM is busy;
receiving the credential information stored in the SIM via a SIM reader driver;
utilizing the credential information to authenticate access to a new Wireless Local Area Network (WLAN) using EAP extensible authentication protocol for subscriber identity module (EAP-SIM);
establishing a WLAN connection with the WLAN via a WLAN adapter;
issuing a location update to switch data services from [a]the GRPS connection to the WLAN connection; and
disconnecting from the GPRS connection.